

## ABSTRACT

A magnetic recording medium comprising a non-magnetic support, at least one primer layer formed on one surface of the non-magnetic support, a magnetic layer formed on the primer layer, and a backcoat layer formed on the other surface of the non-magnetic support, wherein the magnetic layer has a thickness of 0.30  $\mu\text{m}$  or less and a centerline average surface roughness  $R_a$  of 3.2 nm or less, and  $(P_1-P_0)$  is 30 nm or less and  $(P_1-P_{20})$  is 5 nm or less in which  $P_0$  is an averaged height of projections of the magnetic layer, and  $P_1$ ,  $P_2$ , ---- and  $P_{20}$  are heights of the highest, the second highest, --- and the 20th highest projections of the magnetic layer, respectively.